



I opted to use MongoDB as my database of choice because it's very intuitive, flexible, and free to use. Uploaded data to MongoDB is stored in JSON-like documents and can better represent data than rows/columns can. No string concatenation is needed because the queries are JSON. MongoDB is also utilized by many of the world's leading tech industry companies like Google, Facebook, and Verizon. Also, the leading Wall Street investment banks such as Goldman Sachs and Morgan Stanley heavily use MongoDB nowadays to replace traditional relational databases (Sybase, Oracle, PostgreSQL etc). The processing frequency can be set to any time as tasks are completed on my MacBook in roughly 5-8 seconds. Ideally the tasks can be completed in minutes but in reality, the credit data pipeline tasks could be run from minutes to every 3-4 hours or daily based on necessity.